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(54) REVOLVING SPEED CONTROL DEVICE OF OPTICAL RECORDING DEVICE

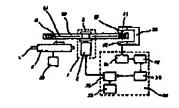
(57) Abstract

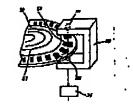
PURPOSE: To detect a revolving epoed of an information recording disk and to control exactly the revolving speed by providing still parts by equal intervals extending over the whole circumference, on a part of the information recording disk, and detecting this slit by a noncontact system.

CONSTITUTION: A six part 52 provided on an information recording disk 50 is constituted by providing a part for making a light transmit and a nontransmitting part (reflecting part) to each other at equal intervals, and the number of sits constituted in one rotation of the disk 50 is supplied to a revolving speed controlling circuit part 30 from a photodetector 22, amplified by an amplifier 31, and also inputted as a pulse aignel to e comparing circuit 34 through a differentiating circuit 32 and a monostable multivibrator 33. Said signal is compared with a reference signal from a reference signal generator 35 in said circuit, and a rotating motor 3 is driven so that its difference becomes zoro. In this way, the revolving speed of the information recording disk 50

is controlled exactly.

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